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## MENINGITIS, OTHER BACTERIAL

(non-meningococcal and non-*Haemophilus influenzae* type B)

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**Clinical Features:** May include fever, headache, stiff neck, vomiting, and rash.

**Causative Agent:** For the purposes of this document, "other" bacterial meningitis is defined as an infection of the meninges caused by bacteria other than *Neisseria meningitidis* or *Haemophilus influenzae* type B.

**Mode of Transmission:** Direct person-to-person contact, including respiratory droplets from the nose or throat of infected individuals.

**Incubation Period:** ranges from 2 to 10 days

**Period of Communicability:** Untreated patients are most infectious for 2-3 weeks after the illness onset, although transmission may occur until the bacteria are no longer found in respiratory secretions.

**Public Health Significance:** Meningitis caused by *Streptococcus pneumoniae* may be prevented through vaccination. Contacts of non-meningococcal and non-HiB meningitis normally do not require post-exposure prophylaxis.

**Reportable Disease in Kansas Since:** 1982

### ***Laboratory Criteria for Surveillance Purposes***

- Isolation and identification of a bacterial pathogen from CSF or blood.

### ***Surveillance Case Definitions***

**Confirmed:** A clinically compatible case that is laboratory confirmed.

### ***Epidemiology and Trends***

**2005 Kansas Count:** 19

	<i>Rate per 100,000</i>	<i>95% CI</i>
Kansas Rate	0.7	(0.4 - 1.0)
U.S. Rate (2004)	NA	NA

In 2005, there were 19 cases of non-meningococcal, non-*Haemophilus influenzae* type B bacterial meningitis. Seven of the cases were caused by *Streptococcus pneumoniae*. Two cases were caused by alpha hemolytic *Streptococcus* that were not further characterized. Group B *Streptococcus* caused two of the infections — one isolate was determined to be *Streptococcus agalactiae*, while the other was not speciated. *Haemophilus influenzae* caused three cases. One isolate was found to be biotype IV, one was found to be biotype II, and the third was not further characterized. Other isolates included *Staphylococcus epidermidis*, *Salmonella* Heidelberg, *Streptococcus viridans*, and an unknown *Staphylococcus* species.

The cases ranged from less than 1 year to 53 years of age.